



High Power 100 Watts RF Load Up To 8 GHz With TNC Female Input Conduction Cooled Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET

PE6224

Configuration

| | |
|-------------------------|----------------------------------|
| Connector | TNC Female |
| Connector Specification | MIL-STD-348 |
| Heat Sink | Black Anodized Aluminum Heatsink |
| Connection Method | Standard |
| Body Style | Straight |

Electrical Specifications

| | |
|----------------------------|---------|
| Frequency Range, GHz | DC to 8 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.5:1 |
| Maximum Input Power, Watts | 100 |
| Peak Power, KWatts | 2 |

Frequency 1

| | |
|----------------|---------|
| Frequency, GHz | DC to 2 |
| VSWR | 1.2:1 |

Frequency 2

| | |
|----------------|--------|
| Frequency, GHz | 2 to 4 |
| VSWR | 1.35:1 |

Frequency 3

| | |
|----------------|--------|
| Frequency, GHz | 4 to 6 |
| VSWR | 1.45:1 |

Frequency 4

| | |
|----------------|--------|
| Frequency, GHz | 6 to 8 |
| VSWR | 1.5:1 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -55 to +125 |
| Color | Black |

Connector

| | |
|--------------------------------------|----------------------------|
| Type | TNC Female |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Outer Conductor Material and Plating | Passivated Stainless Steel |
| Body Material and Plating | Passivated Stainless Steel |
| Dielectric Type | PTFE |

Compliance Certifications (visit www.Pasternack.com for current document)

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watts RF Load Up To 8 GHz With TNC Female Input Conduction Cooled Body Black Anodized Aluminum Heatsink PE6224](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



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Input Conduction Cooled Body Black Anodized Aluminum Heatsink

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Plotted and Other Data

Notes:

Values at 25 °C, sea level

High Power 100 Watts RF Load Up To 8 GHz With TNC Female Input Conduction Cooled Body Black Anodized Aluminum Heatsink from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watts RF Load Up To 8 GHz With TNC Female Input Conduction Cooled Body Black Anodized Aluminum Heatsink PE6224](http://www.pasternack.com/100-watts-tnc-female-rf-load-up-to-8-ghz-pe6224-p.aspx)

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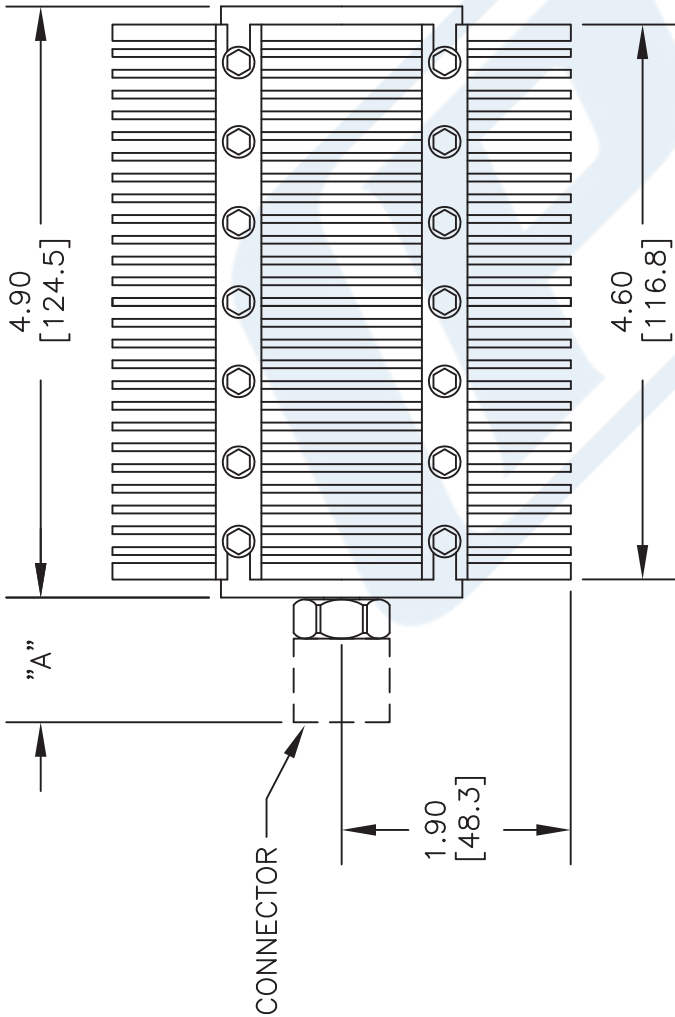
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PE6224 CAD Drawing

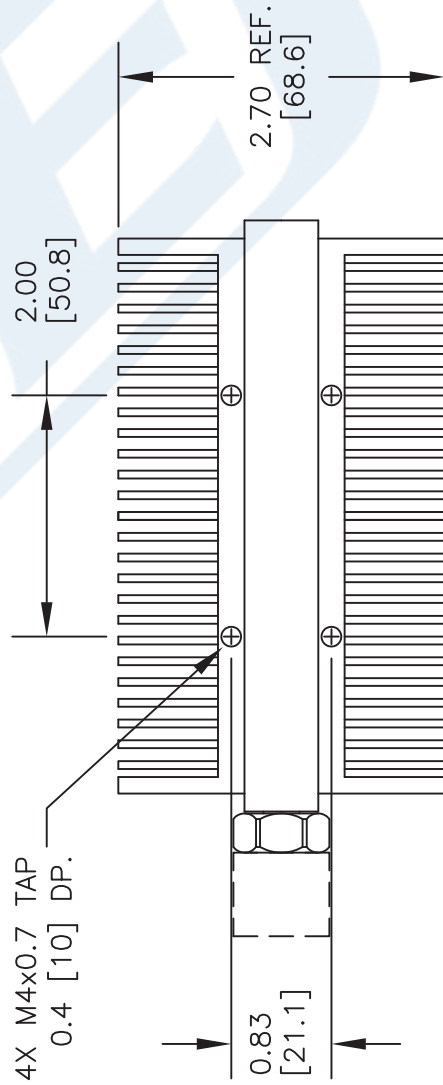
High Power 100 Watts RF Load Up To 8 GHz With TNC Female Input
Conduction Cooled Body Black Anodized Aluminum Heatsink

| Part Number Configuration | |
|---------------------------|-------------|
| PN | Connector |
| PE6219 | SMA Male |
| PE6220 | SMA Female |
| PE6221 | N Male |
| PE6222 | N Female |
| PE6223 | TNC Male |
| PE6224 | TNC Female |
| PE6225 | 7/16 Male |
| PE6226 | 7/16 Female |

| Table of Information | |
|----------------------|----------------|
| Connector Type | DIM "A" (REF.) |
| SMA Male | 0.78 |
| SMA Female | 0.63 |
| N Male | 1.13 |
| N Female | 1.09 |
| TNC Male | 0.96 |
| TNC Female | 1.06 |
| 7/16 Male | 1.28 |
| 7/16 Female | 1.32 |



TOP VIEW



SIDE VIEW

- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE62xx

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FSCM NO. 53919

CAD FILE 080213

SCALE N/A

SIZE A

2233